Structs

- A struct is a collection of key->value pairs;
- A struct introduces a new complex data type, that is composed of elementary data types;
- Structs are used to represent a singular thing that has properties such as a Car, a Person, a Request and so on and we use mappings to represent a collection of things like a collection of Cars, Requests etc;
- A struct is saved in storage and if declared inside a function it references storage by default;

Exemple:

```
struct Car{
    string brand;
    uint price;
}
```

Enums

- Enums are used to create user-defined types;
- Enums are explicitly convertible to and from integer;
- Enums are user defined types that contain human readable names for a set of constants, called members.

Example:

enum State {Open, Closed, Active, Unknown}

State public academyState = State.Active;